

IN THE SPECIFICATION**IN THE ABSTRACT**

A bone fixation assembly including a coupling element having an inner surface defining a first bore coaxial with a first longitudinal axis, and a second bore coaxial with a second longitudinal axis—that is transverse to, whereby the second longitudinal axis intersects the first longitudinal axis. The coupling element has a seat adjacent the lower end of the coupling element, the seat being defined by the inner surface of the coupling element. The assembly includes an anchoring element assembled with the coupling element, the anchoring element having a first end for insertion into bone and a head spaced from the first end, the head being in contact with the seat of the coupling element. The assembly provides sufficient angulation between adjacent anchoring elements securing a common orthopedic rod, and is particularly useful for assemblies mounted in spines having abnormal curvatures and in the cervicothoracic region of the spine.